HW#31: Perimeter, Area and Interior Angles of Quadrilaterals

Due Date: Tuesday, Oct 27th

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

**Failure to show all work and write in complete sentences will result in LaSalle!**

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| 1) A square garden has a side measuring 22ft. How much fence is needed to enclose the garden?   1. 44ft 2. 88ft 3. 484ft 4. 484ft2 | 2) Find the perimeter and area of the figure. If necessary, round to the nearest tenth.    Perimeter: \_\_\_\_\_\_\_ Area: \_\_\_\_\_\_\_ |
| 3) You are planting grass on a square plot of land. You are also building a fence around the edge of the plot. The side length of the plot is 54 yards.   1. How much area do you need to cover with grass seed? 2. How many feet of fencing do you need? | 4) A park wants to put a fence around their soccer fields. Each field is 75 yards long and 55 yards wide.  a. How many yards of fencing will they need for 4 soccer fields?  b. What is the area of each soccer field? |
| 5) 1 cm by 1 cm corners have been cut out of the 7 cm by 4 cm figure below. Find the perimeter and area. | 6) What is the area of the rectangle below? |
| 7) Find the perimeter of the figure below.    20 | 8) |
| Copy these notes into your notebook: | |
| Solve for x.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-10-25 at 10.27.59 PM.png | Solve for x.  Macintosh HD:Users:rmitrovich:Desktop:Screen Shot 2015-10-25 at 10.28.04 PM.png |